ZuniDigital Travel Connect

Portable Wireless Router
with USB Charging Station

User's Guide

ZTRS150

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Introduction

Congratulations on your purchase of the ZuniDigital Travel Connect. Before installing and using this innovative product, please read this user's guide thoroughly, and retain it for future use. This user's guide will explain how to setup and use the travel router / USB charging station.

Retail Package Contents

ZuniConnect Travel Router PREMIUM™
Power Adapter
Travel Case
Ethernet Cable (optional)
Quick Start Guide
User's Guide

Safety Information

For indoor use and in dry locations only. To decrease the risk of electrical shock, unplug the travel router and allow it to cool before cleaning.

Product Overview

Designed for people on-the-go, this travel friendly device lets you create a secure wireless network whenever a wired Broadband connection is available, and it also provides a convenient charging station for portable electronic devices like: cell phones, smart phones, tablet / pad computers, e-readers, MP3 players, digital cameras, and portable gaming systems.

Convenient & Easy-to-Use High Speed Wireless Routing

This high-speed wireless router allows Internet ready devices a convenient way to connect to and share a wired Broadband connection. This is especially convenient for smartphones, tablet PC's, and e-reader users since most of these products lack a traditional RJ-45 Ethernet port needed to plug in a network cable. Utilizing patent pending Intelli+IP technology, this device easily creates a reliable and secure wireless network from a wired Broadband connection. Once established, users can connect multiple devices to a personal Wi-Fi Hotspot, which is useful for tradeshows, hotel rooms, or anywhere multiple users need to share an Internet connection.

Smart USB Charging Station

Our patent pending process, incorporating smart power charging technology, permits the simultaneous charging of multiple devices such as a smart phone, tablet computer, or e-reader from one convenient location. Travelers won't have to use the plug in the bathroom to charge their personal electronics, nor do they have to carry all the heavy / bulky wall charger transformers with them.

Key Features

Intelli+IP Sensing Technology – Patent pending technology that detects the main network's IP address, and if there is a network conflict, the Intelli+IP sensing technology will automatically change the travel router's IP address to resolve the issue.

Fast & Secure Network Connectivity – 802.11N wireless technology offers data transfer rates up to 300 Mbps and WPA / WPA2 / WEP data encryptions with dual-active firewalls provide a safe and secure network connection.

Travel Friendly Design – Small and lightweight, this travel router packs neatly into luggage and lets you keep bulky / heavy wall charger transformers at home.

Other Features

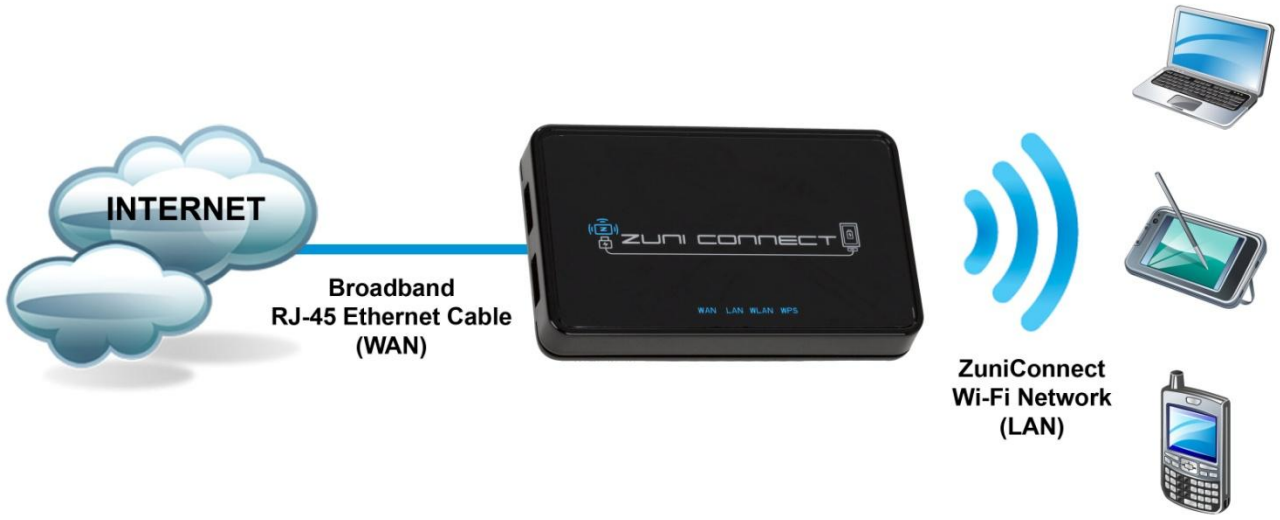
- Compatible with IEEE 802.11N and 802.11B/G Wireless Standards
- Intelli+IP Sensing Technology
- (2) Smart USB Charging Ports
- Data Transfer Rate up to 150 Mbps
- Dual Antennas Use 2.4 GHz Frequency Band (2T2R)
- Supports 64-Bit and 128-Bit Wireless Data Encryption (WPA/WPA2/WEP)
- Supports Multiple SSID
- Supports Hidden SSID
- WDS Supported with WEP, TKIP, AES Encryption
- Supports NAT / IP sharing
- Supports DHCP, Static, PPPoE, and PPTP WAN Connections
- Supports MDI/MDI-X Auto Switching
- Provides DHCP Server
- Firmware Upgradeable via Web Interface
- System Log Function
- Lightweight, Travel Friendly Design

Setup Instructions

WIRELESS SETUP (ROUTER MODE)

ABOUT ROUTER MODE

For this mode the ZuniDigital Travel Connect uses a wired Broadband connection as the WAN (Internet) connection, to create a new sub-network that can then be shared via Wi-Fi and the LAN port on the travel router.

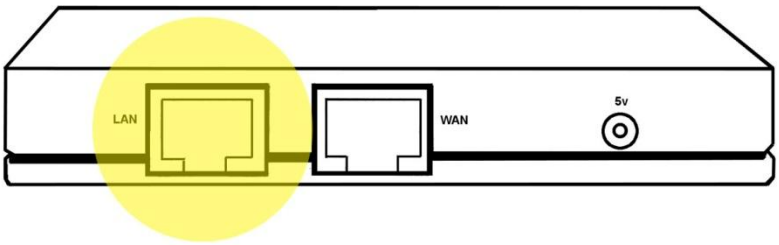


Follow these instructions to setup the ZuniDigital Travel Connect for use in ROUTER Mode. **For the best results do not place the ZuniDigital Travel Connect near any large metal objects or magnets (like those found in speakers). Also note that elevating the travel router from the floor will increase wireless broadcast signal performance and range.**

THE SWITCH ON THE TRAVEL ROUTER IS SET TO ROUTER

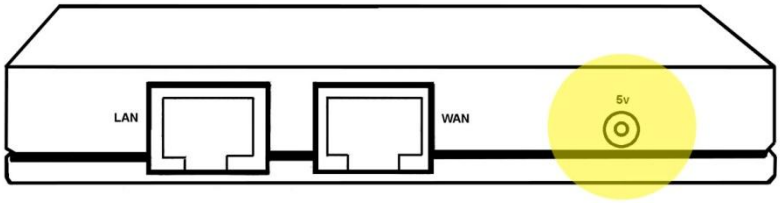
Step 1 - Attach LAN (Ethernet) Cable

Attach one side of an RJ-45 Ethernet cable into the LAN (Ethernet) port of the Travel Router, and then connect the other end to the Ethernet port on your computer.



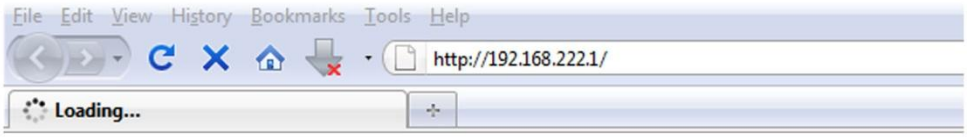
Step 2 - Attach Power Cable

Plug the AC adapter into a wall socket and plug the power tip into the Travel Router's 5v power port. Please wait 30 seconds for the router to fully boot up before continuing to the next step.



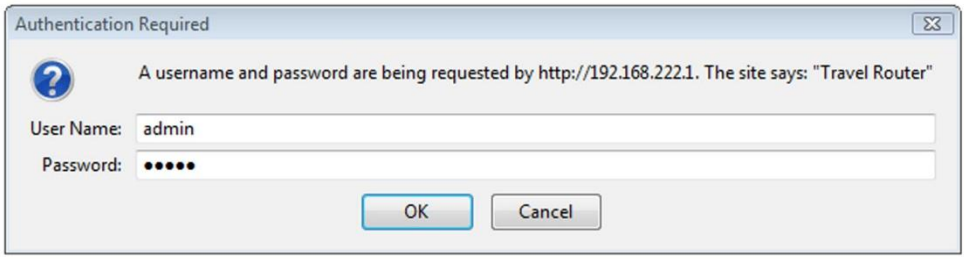
Step 3 - Access Web Configuration

From your computer, open a Web browser (Internet Explorer, Firefox, Safari, etc.) then type 192.168.222.1 into the address bar and press the "**ENTER**" key.



Step 4 - Setup Login

In the login window key in the default User Name (**admin**) / Password (**admin**) and click the OK button.



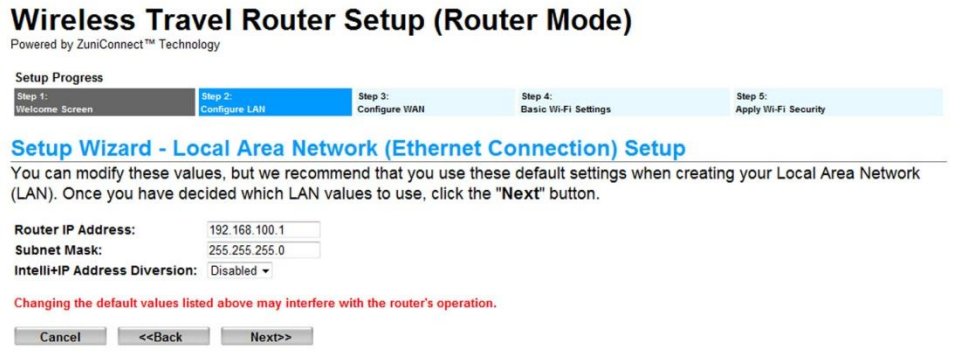
Step 5 – Enter the Setup Wizard
Click the “Run Setup Wizard” button on the travel router’s main page, or from the navigation menu on the left side of the web interface.

Wireless Travel Router Setup (Router Mode)
Powered by ZuniConnect™ Technology
HELP
Router Management - Current Status
To configure your router click the "Run Setup Wizard" button below.
Run Setup Wizard
Please note that each time you move the ZuniConnect Travel Router to a new location it may need to be reconfigured for use with the new location's network.

Step 6 - Begin the Setup Wizard
To begin the Setup Wizard click the “**Next**” button. If you wish to exit the Setup Wizard click the “**Cancel**” button.

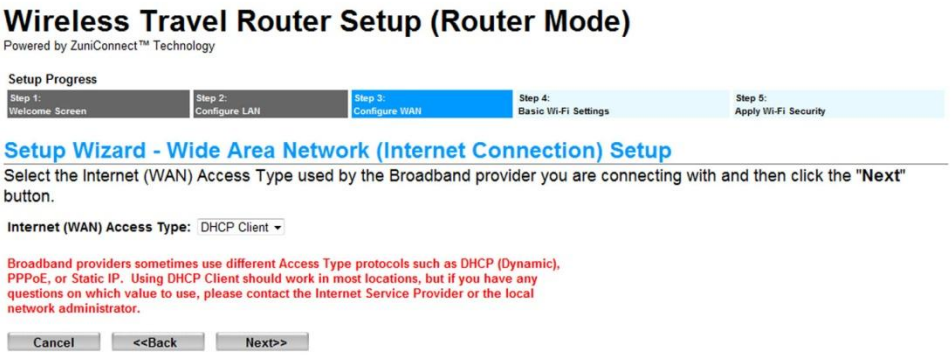
Wireless Travel Router Setup (Router Mode)
Powered by ZuniConnect™ Technology
Setup Progress
Step 1: Welcome Screen
Step 2: Configure LAN
Step 3: Configure WAN
Step 4: Basic Wi-Fi Settings
Step 5: Apply Wi-Fi Security
Setup Wizard - Welcome to the Setup Wizard
This setup wizard will guide you through the setup and configuration of the ZuniConnect Travel Router. Click the "Next" button to begin the setup process.
Cancel
Next>>

Step 7 - Configure LAN (Ethernet) Parameters
The pre-entered default values should work for most networks, but if they need to be modified you can do so now. Unless you are an advanced user we recommend that you use these default settings when creating your Local Area Network (LAN), because changing the default values listed may interfere with the router's operation. Once the values are correctly entered, press the “**Next**” button.


Wireless Travel Router Setup (Router Mode)
Powered by ZuniConnect™ Technology
Setup Progress
Step 1: Welcome Screen
Step 2: Configure LAN
Step 3: Configure WAN
Step 4: Basic Wi-Fi Settings
Step 5: Apply Wi-Fi Security
Setup Wizard - Local Area Network (Ethernet Connection) Setup
You can modify these values, but we recommend that you use these default settings when creating your Local Area Network (LAN). Once you have decided which LAN values to use, click the "Next" button.
Router IP Address: 192.168.100.1
Subnet Mask: 255.255.255.0
Intelli+IP Address Diversion: Disabled
Changing the default values listed above may interfere with the router's operation.
Cancel
<<Back
Next>>

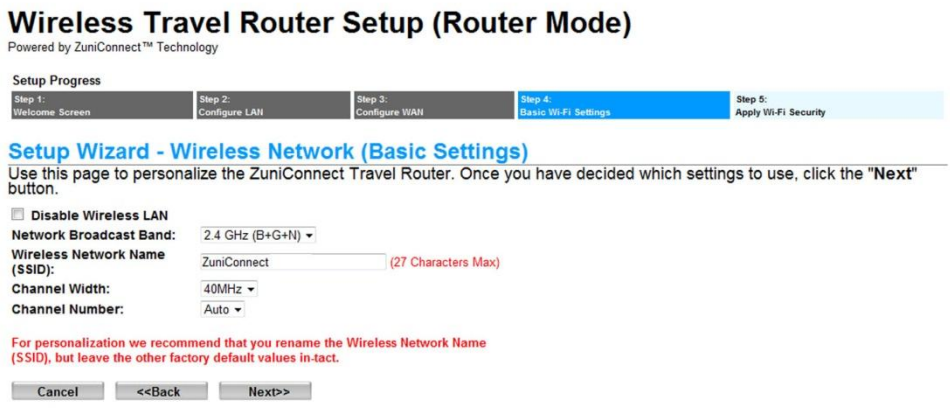
Step 8 - Configure WAN (Internet) Parameters

This step lets you configure the router to utilize the broadband signal provided by the Internet provider. The majority of providers use DHCP which is the default setting of the ZuniDigital Travel Connect. This setting should work in most locations, but if you have any questions on which settings to use, please contact the Internet Service Provider or the local network administrator.


Wireless Travel Router Setup (Router Mode)
Powered by ZuniConnect™ Technology
Setup Progress
Step 1: Welcome Screen
Step 2: Configure LAN
Step 3: Configure WAN
Step 4: Basic Wi-Fi Settings
Step 5: Apply Wi-Fi Security
Setup Wizard - Wide Area Network (Internet Connection) Setup
Select the Internet (WAN) Access Type used by the Broadband provider you are connecting with and then click the "Next" button.
Internet (WAN) Access Type: DHCP Client
Broadband providers sometimes use different Access Type protocols such as DHCP (Dynamic), PPPoE, or Static IP. Using DHCP Client should work in most locations, but if you have any questions on which value to use, please contact the Internet Service Provider or the local network administrator.
Cancel
<<Back
Next>>

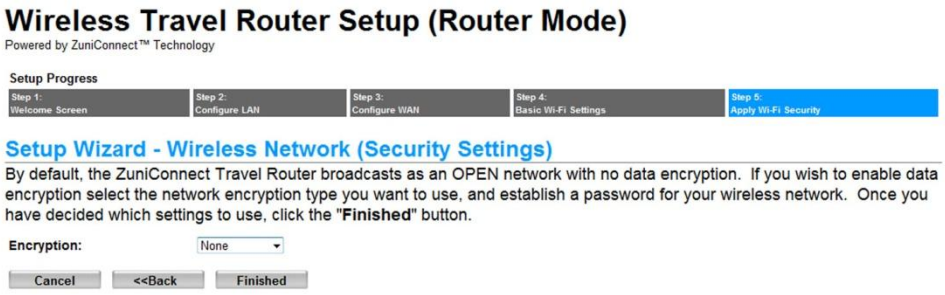
Step 9 - Configure Basic Wi-Fi Settings

Use this page to personalize the name of the wireless network (SSID) to be broadcast by the ZuniDigital Travel Connect. If desired, changes can be made to these settings, but it is recommended that only experienced users do so. Otherwise it is recommended that you do not make any changes to default values that are listed.


Wireless Travel Router Setup (Router Mode)
Powered by ZuniConnect™ Technology
Setup Progress
Step 1: Welcome Screen
Step 2: Configure LAN
Step 3: Configure WAN
Step 4: Basic Wi-Fi Settings
Step 5: Apply Wi-Fi Security
Setup Wizard - Wireless Network (Basic Settings)
Use this page to personalize the ZuniConnect Travel Router. Once you have decided which settings to use, click the "Next" button.
Disable Wireless LAN
Network Broadcast Band: 2.4 GHz (B+G+N)
Wireless Network Name (SSID): ZuniConnect (27 Characters Max)
Channel Width: 40MHz
Channel Number: Auto
For personalization we recommend that you rename the Wireless Network Name (SSID), but leave the other factory default values in-tact.
Cancel
<<Back
Next>>

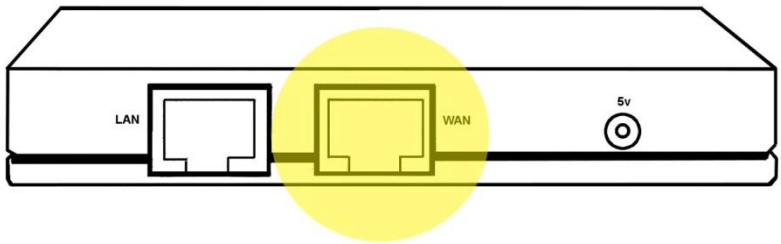
Step 10 - Apply Wi-Fi Network Security Settings

By default, the ZuniDigital Travel Connect broadcasts as an OPEN network with no data encryption. If you wish to enable network encryption to help secure your network, please select the encryption type you want to use, establish a password that you can remember, and then click the "**Finished**" button. This will finalize the settings for your Travel Router and you may begin using it as a wireless access point.


Wireless Travel Router Setup (Router Mode)
Powered by ZuniConnect™ Technology
Setup Progress
Step 1: Welcome Screen
Step 2: Configure LAN
Step 3: Configure WAN
Step 4: Basic Wi-Fi Settings
Step 5: Apply Wi-Fi Security
Setup Wizard - Wireless Network (Security Settings)
By default, the ZuniConnect Travel Router broadcasts as an OPEN network with no data encryption. If you wish to enable data encryption select the network encryption type you want to use, and establish a password for your wireless network. Once you have decided which settings to use, click the "Finished" button.
Encryption:
None
Cancel
<<Back
Finished

Step 11 - Using the Travel Router

Attach the Ethernet cable that provides the Internet connection into the WAN (Internet) port, then power the travel router ON and wait for it to fully boot. The router will broadcast the SSID setup in step 9 which you can connect wireless devices to.



RESTORE FACTORY DEFAULT SETTINGS

Should you at any time with to restore the factory default settings press and hold the "Reset" button on the bottom of the Travel Router for 10 seconds, then release. The travel router will re-boot and all of the original factory settings will be restored.

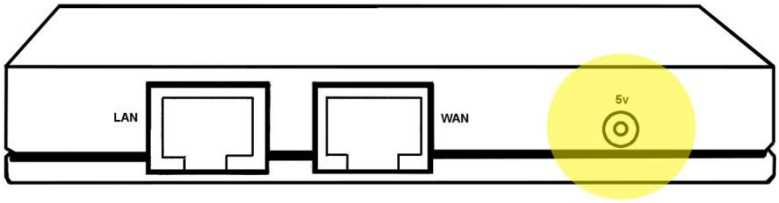
DEVICE CHARGING

Follow these instructions to charge peripherals. The USB charging ports provide simultaneous recharging of two portable electronic devices.

The Smart USB Charging Station is capable of charging a wide range of electronics that includes most cell phones, smart phones, tablet computers, e-readers, MP3 players, digital cameras, and portable gaming devices.

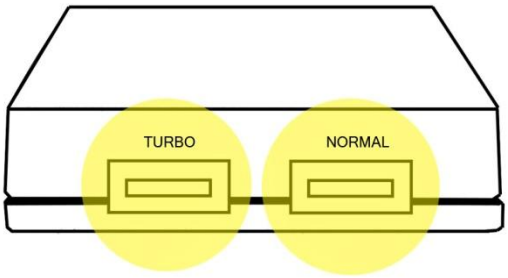
Step 1

Power the USB charging station ON by connecting the power tip to the 5V port on the ZuniConnect Travel™ and by plugging the AC adapter into a wall socket.

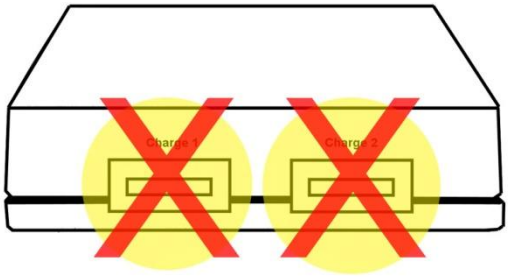


Step 2

For standard charging devices such as smart phones and MP3 players, connect one end of the USB charging cable into either of the two USB charging ports, and then plug the other end into the device in need of charging. **Many devices have unique charging tips, so be sure to carry a cord that will work to charge all of your devices.**



Step 3
When the charging process is completed, unplug the device(s) from the USB Charging Station.



Frequently Asked Questions

General Questions

What is the ZuniDigital Travel Connect?

ZuniConnect™ Travel is a lightweight portable router with a built-in smart USB charging station. This travel-friendly device lets you create a secure wireless network whenever a wired internet connection is available, and also provides a convenient charging station for portable electronic devices such as smart phones, cell phones, tablet computers, MP3 players, digital cameras, and portable gaming systems.
Small, lightweight, and powerful, ZuniConnect™ keeps your devices charged and connected at the same time.

What are the benefits of using the Travel Router with USB Charging Station?

Using the wireless travel router lets you do two convenient things: One, it lets you create your own personal wireless access that can be used to connect multiple wireless devices to the Internet. As an example, check into a Hotel with a wired Broadband internet connection, then simply plug in the ZuniConnect™ Travel and establish your own secure wireless network. Secondly, you now have (2) USB charging ports that recharge personal electronic devices, such as cell phones, tablet pcs, and e-readers, using only the USB portion of the cable that came with your device. This lets you leave the bulky and heavy wall chargers at home.

Who is the target market for the Travel Router with USB Charging Station?

Designed for people on the go, the travel router allows you to leave bulky & heavy wall transformers at home, and enjoy the convenience of their own personal wireless network when they travel. Utilizing the two USB charging ports, travelers only need to carry the USB charging cable for their smart phone, tablet PC, e-reader, portable gaming device, or MP3 player. These cables take up very little space and weigh next to nothing. In addition, this travel router also lets users create a personal “Hot-Spot” from an existing broadband connection, providing a safe, reliable, and secure connection for multiple users.

What are the differences between the Premium and Standard versions?

Both the premium and standard versions of the Travel Router with USB Charging Station allow you to share a wired Broadband connection and charge a wide range of personal electronics devices. However, the premium version offers a “QuickCharge” USB charging port that allows for faster peripheral charging, and it also offers Wireless ISP mode which allows you to create your own personal Wi-Fi network from an existing wireless network.

Wireless Travel Router Specific Questions

How does the Travel Router work?

The travel router works by taking an existing broadband connection and converting the signal into a personal high-speed wireless network that is secure, reliable, and convenient. This is especially convenient for hotel rooms and trade shows.

Where can the Wireless Travel Router best be utilized?

The Wireless Travel Router can be used almost anywhere a wired broadband connection is available. Simply plug the broadband cable into the Internet (WAN) port on the travel router and out Intelli+IP autosensing technology will help your create a secure Wi-Fi network that allows multiple users to share the original Broadband connection. This is especially convenient for use in hotel rooms, and trade shows. Our line of

premium travel routers features Wireless IN / Wireless OUT technology that allows you to create a personal Wi-Fi network from an existing wireless Broadband connection.

Does the travel router have any LAN ports that can be used to provide a network connection?
The Travel Router includes (1) LAN port that can be used for devices you wish to connect to the network via a wired cable instead of using the Wi-Fi signal.

What is the maximum wireless data transfer rate supported?
The 802.11N equipped travel router supports wireless data transfer rates up to 300 Mbps.

What security features are available?
The wireless travel router supports WEP, WPA, and WPA2 data encryption to protect clients from wireless attacks, and it also offers dual-active Firewalls to protect users from attack originating from the Internet.

What wireless standards are supported?
The travel router supports the 802.11N (draft 2.0), 802.11G, and 802.11B wireless standards.

USB Charging Station Specific Questions

How does the USB Charging Station work?
The USB charging station provides (2) USB ports that can be used to recharge a wide range of personal electronic devices (cell phones, tablet computers, e-readers, etc.). Instead of using the wall transformer plug that came with your device, simply plug one end of the USB cable into the charging station, and the other into the device. Recharging times will vary on the type of device being charged, how low the battery currently is, and if the QuickCharge port (only available on the premium version of the travel router) is used.

How many devices can be charge simultaneously?
There are (2) USB charging ports available to recharge peripheral devices with.

What devices are compatible with the USB charging station?
The USB charging station will recharge a wide range of personal electronic devices that run off a rechargeable battery. Some of the most common types are: Smart Phones, Cell Phones, Tablet Computers, E-Readers, Personal Gaming Devices, MP3 Players, and Digital Cameras. You will need to carry a USB charging cord that fits the charging port on your electronic device. These differ by device.

Troubleshooting Information

If you need further assistance you can reach our product support team by phone toll-free at 1(888)213-8529, or via emailing support@zunidigital.com

ROUTER MODE

PROBLEM	POSSIBLE SOLUTIONS
I cannot connect to the Internet wirelessly using the travel router, and the ZuniConnect SSID is not available	Verify the travel router is powered ON and a working Broadband Internet cable is plugged into the Internet (WAN) port on the travel router.
	If you are far away from the travel router try moving closer to it.
	Connect one end of an Ethernet cable to the LAN port on the travel router and the other end to the Ethernet port on your laptop or netbook. Log into the Web configuration utility and verify the travel router is setup correctly and the SSID is broadcasting.
The setup computer cannot access the Web based configuration screen.	Make sure any wireless network adapters on the setup computer have been powered OFF or disabled.
	Make sure the wired Ethernet adapter on the setup computer is set to receive an IP address automatically.
	Reboot the setup computer with the RJ-45 Ethernet cable from the ZuniConnect Bridge attached.
	Be sure you are typing the correct IP address into your Web browser (192.168.222.1)
There is no RJ-45 Ethernet port on my setup device to access the travel router with.	If the device you are using to configure the travel router does not have an Ethernet port available (for example when using a tablet PC) you will have to use the default factory settings, or download an application for your device that allows you to configure the travel router.
Wireless network performance is slow.	Since wi-fi networking is radio based, performance will be affected by the distance between the wireless client and the travel router itself. To improve performance move closer to the travel router or try changing the SSID broadcast channel. To change the broadcast channel use the Web based configuration utility --- LAN section.
Some devices cannot connect to the wireless network	Make sure that all of the clients attempting to connect to the travel router's wireless signal are using the correct password.

USB CHARGING STATION

PROBLEM	POSSIBLE SOLUTIONS
My USB device will not charge.	Verify that you are using the cable specific to your device.
	Verify that the USB charging station is powered ON.

Product Specifications

ROUTER

Operation Modes:

- Router / AP

Wireless Standards

- IEEE 802.11N
- IEEE 802.11G
- IEEE 802.11B
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x

Interface

- LAN: (1) Port - 10/100 Mbps RJ-45
- WAN: (1) Port – 10/100 Mbps RJ-45
- USB: (2) Charging Ports
- WPS: Wi-Fi Protected Setup Button
- RESET: Factory Reset Button

Wireless Security

- 64-Bit / 128-Bit WEP / WPA / WPA2

Receiver Sensitivity

- 802.11N: -69dBm
- 802.11G: -70dBm
- 802.11B: -85dBm

Transmit Power

- 802.11N: 13dBm
- 802.11G: 14dBm
- 802.11B: 16dBM

Broadcast Channel

- USA: 11
- EUROPE: 13

Range Coverage (max)

- Indoor: 100 ~ 300 Feet
- Outdoor: 300 ~ 1000 Feet

LED Display

- POWER
- WAN
- WLAN
- LAN
- WPS

CHARGING STATION

Standard Charging Port

- Max Output: 1.5 Amp
- Typical Output: 1.0 Amp

QuickCharge Port

- Max Output: 2.0 Amp

- Typical Output: 1.6 Amp

COMMON SPECIFICATIONS

Mechanical

- Dimensions: 3.86” x 2.37” x 0.65”
- Weight: 2.2 oz

Environmental Ranges

- Operating Temperature: 32~104° F
- Storage Temperature: 14~158° F
- Operating Humidity: 10~90% RH (non-condensing)
- Storage Humidity: 5~95% RH (non-condensing)

Power

- AC to DC Adapter 100-240V

Output: 5V/2.5A

Warranty Information

Warranty Statement
Should our Travel Router fail to perform within the warranty period, ZuniDigital will replace the same or functionally similar product at our discretion, free of charge provided you:

1. Return the product to a Zunidigital designated facility.
2. Provide us with proof of purchase and the original purchase date.

Replacement products will be returned with ground shipping charges paid, and said products may contain refurbished materials. Please read completely, and contact our customer service department or e-mail us at: help@ZuniDigital.com should you have any questions.

Limited Product Warranty
ZuniDigital warrants that this product shall be free of defects in materials and workmanship under normal use for **one year**. The warranty extends only to the original purchaser and is non-transferable. During the warranty period for no additional charge, ZuniDigital will repair or replace defective parts in the product or, at the option of ZuniDigital, replace the entire unit. This warranty does not extend to any ZuniDigital product that has been damaged or rendered defective (a) as a result of accident, misuse, or abuse; (b) by the use of parts not manufactured or sold by ZuniDigital; or (c) by modification of product. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE. THIS WARRANTY EXTENDS ONLY TO YOU AND CANNOT BE TRANSFERRED OR ASSIGNED. If any provision of this Limited Warranty is unlawful, void or unenforceable, that provision shall be deemed severable and shall not affect any remaining provisions. In case of any inconsistency between the English and other versions of this Limited Warranty, the English version shall prevail.

Sole Warranty
This warranty contains the sole warranty of ZuniDigital, there are no other warranties, expressed or, except as required by law, implied, including implied warranty or condition of quality, merchantability or fitness for a particular purpose, and such implied warranties, if any, are limited in duration to the term of this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

In no event shall ZuniDigital be liable for direct, indirect, incidental, special, consequential or multiple damages arising out of the use of the product or damage to the connected equipment, regardless of the legal theory on which such claim is based; even if advised of the possibility of such damage. Damages include, but are not limited to, loss of profits, loss of savings or revenue, loss of use of the product or the connected equipment or any associated equipment, loss of software, cost of capital, cost of any subsequent equipment, facilities or services, downtime, the claims of third parties, including customers, and injury to property. Some states do not allow exclusion or limitations of incidental or consequential damages so any such limitations or exclusions herein may not apply to the purchaser. This warranty is valid in U.S. and Canada only.

NOTE: COMPENSATION FOR RESTORATION OF DATA LOSS IS NOT COVERED AND ZUNIDIGITAL, INC DOES NOT ASSUME ANY LIABILITY FOR ANY INCIDENTAL, CONSEQUENTIAL OR INDIRECT DAMAGES UNDER THIS LIMITED WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

FCC Certifications

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.